

Javad Mokhtari

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,006
citations

516215

16
h-index

454577

30
g-index

46
all docs

46
docs citations

46
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of PCL/zein/gum arabic electrospun nanocomposite scaffold for skin tissue engineering. <i>Materials Science and Engineering C</i> , 2018, 93, 356-366.	3.8	114
2	Calendula officinalis extract/PCL/Zein/Gum arabic nanofibrous bio-composite scaffolds via suspension, two-nozzle and multilayer electrospinning for skin tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 530-543.	3.6	101
3	Electrospinning of poly(vinyl alcohol)â€“water-soluble quaternized chitosan derivative blend. <i>Carbohydrate Research</i> , 2009, 344, 2496-2501.	1.1	100
4	The effect of mordant salts on antibacterial activity of wool fabric dyed with pomegranate and walnut shell extracts. <i>Coloration Technology</i> , 2012, 128, 473-478.	0.7	58
5	Camouflage of cotton fabrics in visible and NIR region using three selected vat dyes. <i>Color Research and Application</i> , 2014, 39, 200-207.	0.8	46
6	Molecular Design of Efficient Organic Dye Featuring Triphenylamine as Donor Fragment for Application in Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , 2018, 11, 494-502.	3.6	45
7	Monitoring underlying epoxy-coated St-37 corrosion via 8-hydroxyquinoline as a fluorescent indicator. <i>Applied Surface Science</i> , 2018, 440, 880-888.	3.1	42
8	Alternative bases to 4-tert-butylpyridine for dye-sensitized solar cells employing copper redox mediator. <i>Electrochimica Acta</i> , 2018, 265, 194-201.	2.6	38
9	Electrospinning of cyclodextrin functionalized chitosan/PVA nanofibers as a drug delivery system. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 1343-1351.	2.0	37
10	Preparation and characterization of Calendula officinalis-loaded PCL/gum arabic nanocomposite scaffolds for wound healing applications. <i>Iranian Polymer Journal (English Edition)</i> , 2019, 28, 51-63.	1.3	35
11	Molecular Engineering of Simple Metal-Free Organic Dyes Derived from Triphenylamine for Dye-Sensitized Solar Cell Applications. <i>ChemSusChem</i> , 2020, 13, 212-220.	3.6	31
12	Thermo-regulating nanofibers based on nylon 6,6/polyethylene glycol blend. <i>Fibers and Polymers</i> , 2011, 12, 706-714.	1.1	26
13	Novel anti-bacterial acid dyes derived from naphthalimide: synthesis, characterisation and evaluation of their technical properties on nylon-6. <i>Coloration Technology</i> , 2010, 126, 81-85.	0.7	25
14	A scanner based neural network technique for color matching of dyed cotton with reactive dye. <i>Fibers and Polymers</i> , 2013, 14, 1196-1202.	1.1	19
15	Synthesis and evaluation of a series of trisazo hetero bi-functional reactive dyes for cotton. <i>Dyes and Pigments</i> , 2005, 64, 163-170.	2.0	17
16	Imparting insect repellency to nylon 6 fibers by means of a novel MCT reactive dye. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1097-1104.	1.3	17
17	Synthesis and evaluation of a series of trisazo, monochloro-s-triazinyl (MCT) reactive dyes for cotton. <i>Dyes and Pigments</i> , 2004, 63, 51-63.	2.0	16
18	Synthesis and evaluation of a series of novel monoazo disperse dyes derived from N-carboxylic acid-1,8-naphthalimide on poly(ethylene terphthalate). <i>Fibers and Polymers</i> , 2009, 10, 446-451.	1.1	16

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19	Electrospun nanostructures based on polyurethane/MWCNTs for strain sensing applications. <i>Fibers and Polymers</i> , 2012, 13, 1126-1131.	1.1	16
20	An alginate- β -PHMB-AgNPs based wound dressing polyamide nanocomposite with improved antibacterial and hemostatic properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 7.	1.7	16
21	Novel hydrolysable azo disperse dyes based on β -ester-1,8-naphthalimide: dyeing of polyester-cotton blends. <i>Coloration Technology</i> , 2008, 124, 295-300.	0.7	14
22	Fabrication of thermo-regulating hexadecane-polyurethane core-shell composite nanofibrous mat as advanced technical layer: Effect of coaxial nozzle geometry. <i>Journal of Industrial Textiles</i> , 2018, 47, 1134-1151.	1.1	14
23	Electrical conductivity and chromic behavior of poly (3-methylthiophene) coated polyester fabrics. <i>Fibers and Polymers</i> , 2012, 13, 139-144.	1.1	13
24	Electrospun poly(ϵ -caprolactone)/nanoclay nanofibrous mats for tissue engineering. <i>Fibers and Polymers</i> , 2013, 14, 957-964.	1.1	13
25	Solar spectral performance of nanopigments. <i>Solar Energy Materials and Solar Cells</i> , 2017, 162, 72-82.	3.0	13
26	Synthesis and characterization of novel reactive dyes with simultaneous insect-repellent and anti-bacterial properties. <i>Fibers and Polymers</i> , 2014, 15, 1369-1374.	1.1	12
27	Synthesis and Characterization of Novel Monoazo Naphthalimide Disperse Dyes Containing Carboxylic Acid Group with High Heat Fastness Properties. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 1300-1307.	0.8	11
28	Fabrication and characterization of electrospun PVA/CdS and PVA/TiO ₂ nanocomposite thin films as n-type semiconductors. <i>Polymer Bulletin</i> , 2015, 72, 2363-2375.	1.7	11
29	Modeling and optimization of waterproof-breathable thermo-regulating core-shell nanofiber/net structured membrane for protective clothing applications. <i>Polymer Engineering and Science</i> , 2018, 58, 1756-1765.	1.5	11
30	Synthesis, characterization, and evaluation of a novel spirooxazine based photochromic reactive dye on cotton. <i>Fibers and Polymers</i> , 2015, 16, 2299-2307.	1.1	10
31	Investigation on the effect of titanium dioxide nano particles on camouflage properties of cotton fabrics. <i>Fibers and Polymers</i> , 2014, 15, 241-247.	1.1	8
32	Synthesis and Evaluation of Technical Properties of Novel Cationic Mono-s-chloro Triazinyl (MCT) Reactive Dyes on Cotton. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 793-801.	0.8	7
33	Imparting conductivity and chromic behavior on polyester fibers by means of poly(3-methylthiophene) nanocoating. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3007-3012.	1.3	7
34	Diffuse reflectance behavior of the printed cotton/nylon blend fabrics treated with zirconium and cerium dioxide and citric acid in near- and short-wave IR radiation spectral ranges. <i>Color Research and Application</i> , 2020, 45, 55-64.	0.8	6
35	Biopolymer based three-dimensional biomimetic micro/nanofibers scaffolds with porous structures via tailored charge repulsions for skin tissue regeneration. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3535-3548.	1.6	6
36	Novel cationic softener containing MCT reactive dyes for cotton: Simultaneous dyeing and functional finishing. <i>Fibers and Polymers</i> , 2013, 14, 920-925.	1.1	5

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37	Fabrication of Novel Antimicrobial Bio-Fibers Using Silk Wastage, Study of Poly (hexamethylene) Biguanide, and Silver Nanoparticles Interaction. <i>Journal of Natural Fibers</i> , 2017, 14, 707-717.	1.7	5
38	Synthesis and evaluation of novel antibacterial monoazo disperse dyes based on sulfonamide derivatives on polyester. <i>Pigment and Resin Technology</i> , 2017, 46, 440-448.	0.5	5
39	Novel cationic softener containing MCT reactive dyes for cotton: Synthesis and characterization. <i>Fibers and Polymers</i> , 2013, 14, 195-200.	1.1	3
40	Theoretical study of metal-free organic dyes based on different configurations for efficient dye-sensitized solar cells. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 1796-1801.	1.0	3
41	The Role of Polyhexamethylene Biguanide and Silver Nanoparticle Interaction in the Fabrication of Novel Antibacterial Bio-Fibers Using Silk Wastage. <i>Journal of Nano Research</i> , 2016, 43, 63-72.	0.8	3
42	Core-shell hexadecane-polyurethane nanofiber/net structured membrane: Evaluation of surfactant addition on morphology and performance. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45047.	1.3	3
43	The effect of TiO ₂ nanopigment on the optical properties of polyester fabric in UV-VIS-NIR regions. <i>Color Research and Application</i> , 2019, 44, 257-263.	0.8	3
44	Chemical vapor deposition of poly(3-alkylthiophene) nanoparticles on fabric: Chemical and electrochemical characterization. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	2
45	Influence of ceramic nano-powders and cross-linker on diffuse reflectance behavior of printed cotton/nylon blend fabrics in near infrared and short-wave infrared spectral ranges. <i>Journal of the Textile Institute</i> , 2021, 112, 1108-1119.	1.0	2
46	Naphthalimide based disperse dyes for nylon 6 and polyester (pet) fibers: Synthesis and evaluation of technical properties in the presence of urea. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 712-718.	2.0	1